

General Information

Contracting Office Address

Defense Energy Support Center (DESC), 8725 John J. Kingman Road, Room 3830, Fort Belvoir, Virginia 22060-6222.

Description

This is a SOURCES SOUGHT NOTICE to determine the availability of potential sources to privatize the Natural Gas and Wastewater infrastructure systems at Luke Air Force Base, Arizona. The base size is approximately 4,524,064 square feet, which includes 365 buildings and 874 military family housing units. Luke has its own wastewater treatment plant. The **natural gas distribution system:** Natural Gas is supplied to Luke Air Force Base at three separate locations by 175 pound per square inch gauge gas mains owned by Southwest Gas Corporation. The natural gas piping on the main base is almost entirely polyethylene (PE). Steel piping is located in the Military Family Housing area. The piping is coated, rather than wrapped, and includes a cathodic protection system. The system contains 19 rectifiers. There is no physical on-base production of gas or natural gas wells. The meters owned by the Air Force are used for billing purposes. The Air Force-owned distribution system consists of approximately 119,000 linear feet of underground piping. The majority of the piping is less than 20 years old, with some as old as 50 years. The **wastewater system** at Luke Air Force Base consists of three major components, the sanitary sewer collection system, the wastewater treatment plant, and non-potable water reuse system. The sanitary sewer system consists of the gravity mains, cleanouts, lift stations, force mains, and access manholes associated with the collection of sanitary sewer from the facility buildings and family housing on the base. A majority of the gravity collection mains and service laterals were installed in the 1940's when the base was first constructed and in the 1950's and 1960. The gravity collection mains installed during these construction periods are composed primarily of Reinforced Concrete Pipe, the force mains are Cast Iron, and the service laterals are Vitrified Clay Pipe. In the late 1970's, additional base housing was installed. The gravity collection mains installed during these construction periods are composed primarily of Reinforced Concrete Pipe, the force mains are Cement Mortar Lined Ductile Iron, and the service laterals are Vitrified Clay Pipe. Since the 1980's, the base has made a concerted effort to install PVC for all sanitary sewer piping that are 8 inches or less. Consequently, most of the gravity mains, force mains, and service laterals in these areas are composed of PVC. A majority of the gravity collection mains, force mains and service laterals installed during the 1940's, 1950's and 1960's are in fair to good condition. A majority of the gravity collection mains, force mains and service laterals installed in the 1970's, 1980's and 1990's are in good to excellent condition. The wastewater treatment plant is designed to accept all of the sanitary flow from the sanitary sewer collection

system through a 21-inch reinforced concrete pipe main gravity line flowing from the site. Major improvements were conducted in 1994 to provide an advanced wastewater treatment plant that consistently met effluent discharge limitations and provided reuse water for discharge to the base golf course and parks for irrigation purposes. Improvements were designed to allow the facility to effectively treat an average daily flow of 1 million gallons per day with removal efficiencies in excess of 95% or better for Biochemical Oxygen Demand and suspended solids. The wastewater treatment plant has a certified laboratory capable of performing both process control and process monitoring tests. Since most of the wastewater treatment plant equipment was installed or reconstructed in the 1994 improvements, its overall condition is good to excellent. The Contractor(s) shall furnish all facilities, labor, materials, tools, and equipment necessary to own, maintain and operate the utility system(s) in a safe and reliable condition. The Contractor(s) shall manage the maintenance, repairs, replacement, etc., of the system(s) to ensure continuous, adequate, and dependable service for each Government or tenant connection within the service area. Real property interests will be conveyed in the form of a Right of Way as an attachment to the RFP. The utility system(s) will be conveyed via a Bill of Sale upon award of the contract. At this time, no solicitation exists; therefore, **DO NOT REQUEST A COPY OF THE SOLICITATION**. Vendors having the skills and capabilities necessary to perform the stated requirement are invited to provide information to contribute to this market survey/sources sought including, commercial market information and company information via e-mail or facsimile (703-767-2382) to Mily Le, no later than May 27, 2003. Responses should include the following information: company name, address, point of contact, phone number and e-mail address; business size and disadvantaged, 8(a) or HUBZone status; corporate affiliations; potential joint venture partners, teaming partners, and or major subcontractor or (prime). Please direct any questions or concerns to the Contract Specialist for this action: Bobby Jones Robert.E.Jones@dla.mil

Original Point of Contact

The POC for this action is Mily Le, Phone: 703-767-2387, Fax: 703-767-2382,
Email: Mily.Le@dla.mil

Places of Performance

Luke Air Force Base, Arizona